



CATALOG OF ELECTIVE DISCIPLINES  
For students in the direction of preparation 8D041- "Financial innovation in business"

Brief description of the elective disciplines of the educational program

EPG	EP	Form of education	The name of discipline	Code of subject	Discipline cycle	Component	Number of credits	Level of training	Cafedra	Course	Academic period	Pre-requisites	Post-requisites	Brief content of the discipline	Key learning outcomes	Name of the alternative discipline
D074 Finance, banking and insurance	8D04104 - "Financial innovation in business"	Full-time (doctoral studies 3 years) trimester	Islamic finance	IF 7305	BS	Elective subjects	5.0	Doctorate	Accounting and finance	1	1	Microeconomics, Economic Theory, Money, Credit, Banks, Financial Markets and Intermediaries, Banking, Financing and Lending of Investments	This discipline can be used during the passage of research work practices, writing master's works, as well as in practical activities.	Types and forms of Islamic financial instruments. Islamic banking. Purchase and sale operations (Murabaha). Leasing (Ijara). Financing of production (Istisna). Contractual Partnership (Shirkat-il-akid). The main financial instrument (sukuk). Islamic insurance (model Wakala for Takaful, model Mudaraba for Takaful)	The discipline "Islamic Finance" is designed to provide training of highly qualified specialists that meet the latest trends in the development of the economy of Kazakhstan, and in particular the methods of financing business	Islamic financial instruments
D074 Finance, banking and insurance	8D04104 - "Financial innovation in business"	Full-time (doctoral studies 3 years) trimester	Derivatives	Der 7304	BS	Elective subjects	5.0	Doctorate	Accounting and finance	1	1	"Microeconomics", "Economic Theory", "Money, Credit, Banks", "Financial Markets and Intermediaries", "Banking", "Financing and Lending of Investments"	This discipline can be used during the passage of research work practices, writing master's works, as well as in practical activities.	The main types of derivative financial instruments. Factors affecting the price of derivatives. Methods and principles of analysis of the theory of mathematical finance as the basis for pricing options. Black-Scholes formula: evidence, use practice for determining prices and risks of options, as well as its inability to describe real market processes without amendments due to the inadequacy of the assumptions used in the evidence.	As a result of mastering the discipline, the student must: Know: - essence of the main derivative financial instruments - approaches to pricing the main derivative financial instruments - the main risks of derivative financial instruments and ways to reduce them - basic option strategies - features of derivative financial instruments for various underlying assets (shares, currency, interest rates) Be able to: - calculate the prices of derivative financial instruments - calculate the main option risks (delta, gamma, vega, rho) - calculate the risks of strategies (sets of several derivative financial instruments) - build strategies with specified risk and return characteristics based on derivative	Financial consulting

D074 Finance, banking and insurance	8D04104 - "Financial innovation in business"	Full-time (doctoral studies 3 years) semester	International Finance	MF 7303	BS	Elective subjects	6	Doctorate	Accounting and finance	1	1	Economics and Management , Economic Theory, Institutional Economics, Statistics	Thesis writing, final certification	The course includes topics: small models of an open economy, general equilibrium models of the two countries, international business cycles, models for determining the exchange rate, global capital flows, public debt, defaults and financial crises.	As a result of studying the discipline, the doctoral student should: Know: modern ideas about cooperative business enterprises; the establishment of cooperative business enterprises; features of the organization and development of cooperative business enterprises in various countries; features of cooperative business enterprises in Kazakhstan. To be able to: own the basics of the methodology and methods in the field of cooperative business enterprises; Possess: practical work in the development and management of corporate business enterprises.	Company financial policy
D074 Finance, banking and insurance	8D04104 - "Financial innovation in business"	Full-time (doctoral studies 3 years) semester	International investment	MI 7304	BS	Elective subjects	5	Doctorate	Accounting and finance	1	1	World financial markets	Practice	The economic nature and essence of international investment. Types of international investments and their classification. Investment attractiveness, its types and evaluation methods. The mechanism and conditions for attracting international investment in the economy of the country. Features of international investment in the national economy. International investment in the economies of the Eurasian Economic Union. Risks and methods of their regulation in attracting international investment. Evaluation of the effectiveness of international investment projects. Special (free) economic zones. Regulation of international investment	As a result of mastering the discipline, the student must: To know: - the main theoretical approaches to the study of direct international investments and to be able to produce their comparative characteristics; - the content and forms of investment policy, depending on the phases of the economic cycle, be able to determine its priority directions; - the elements that make up the investment policy, to understand the incentive and supporting mechanisms for international investment, to explain the principles of the functioning of free (special) economic zones; - models of international capital movement and know its forms; - The sectoral structure of the national economy and determine the investment attractiveness of individual industries. Be able to: - identify direct and portfolio, current and	Financial regulation and supervision

Considered at the meeting Faculty Council Protocol No. 1 from 2022

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